

# INTERNATIONAL SEARCH REPORT

International Application No  
**PCT/IT2004/000360**

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 B41J29/48 B41J11/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B41J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, IBM-TDB

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1 231 070 A (STAR MFG CO) 14 August 2002 (2002-08-14) the whole document	1,8
Y	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 24, 11 May 2001 (2001-05-11) & JP 2001 206602 A (SEIKO INSTRUMENTS INC), 31 July 2001 (2001-07-31) abstract	1,8
A	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 01, 30 January 1998 (1998-01-30) & JP 9 254474 A (SEIKO EPSON CORP), 30 September 1997 (1997-09-30) abstract	1-8

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

**30 September 2004**

Date of mailing of the international search report

**08/10/2004**

Name and mailing address of the ISA

European Patent Office, P.B. 6818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

**Van den Meerschaut, G**

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1231070	A	14-08-2002	JP 2002234223 A	20-08-2002
			EP 1231070 A2	14-08-2002
			US 2002109037 A1	15-08-2002
JP 2001206602	A	31-07-2001	NONE	
JP 9254474	A	30-09-1997	JP 3491435 B2	26-01-2004